

# Archival Magazine

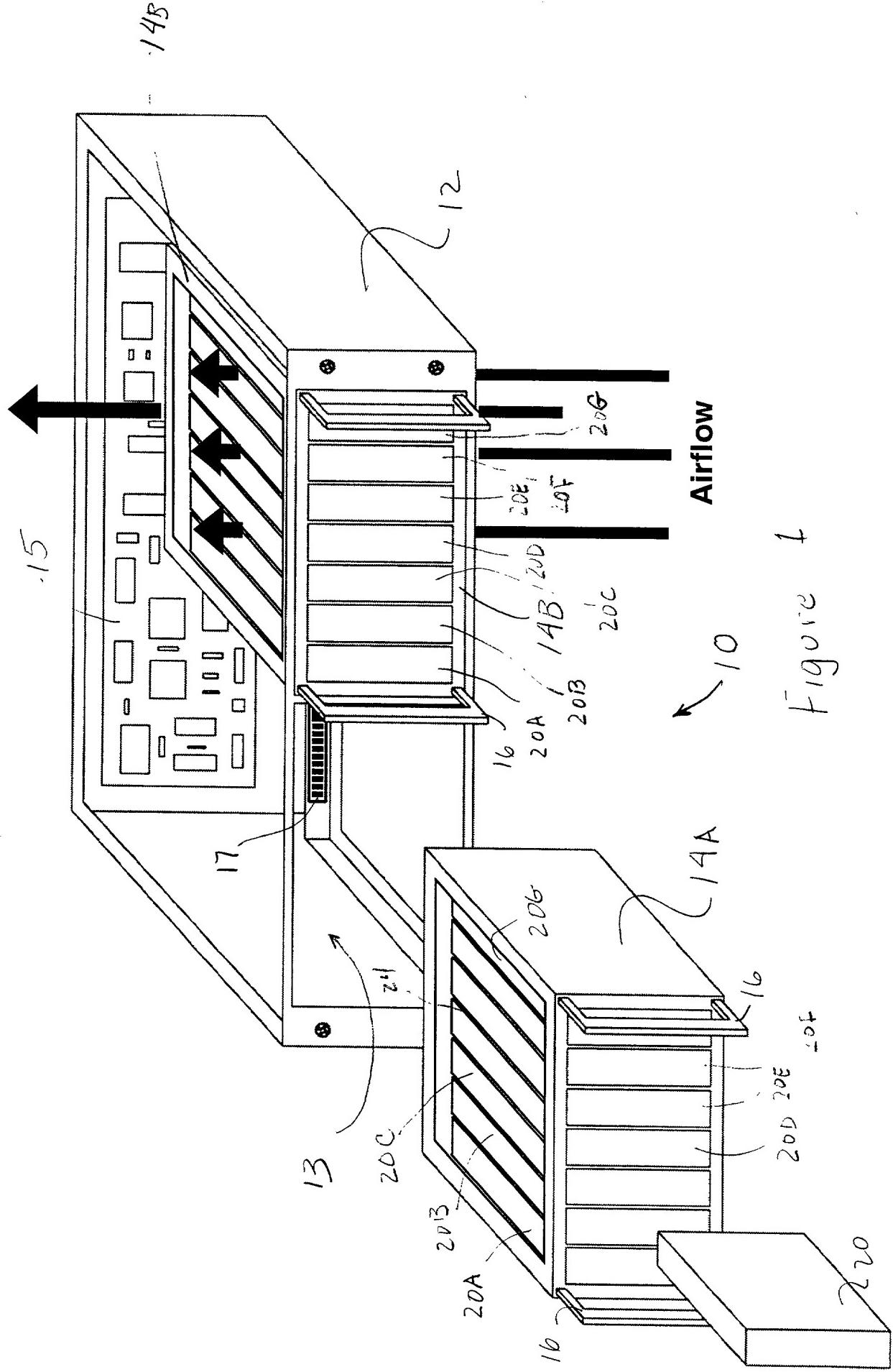
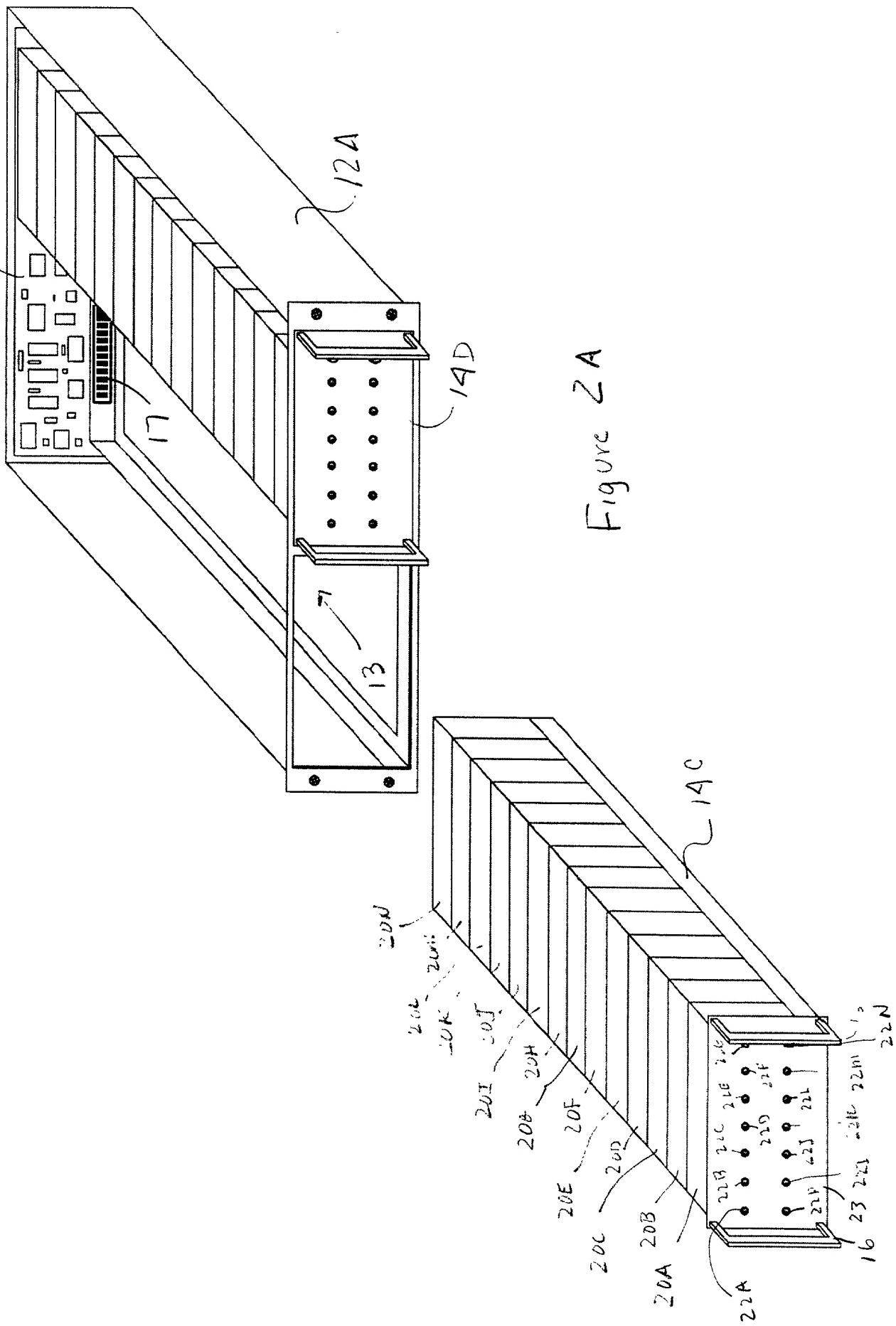


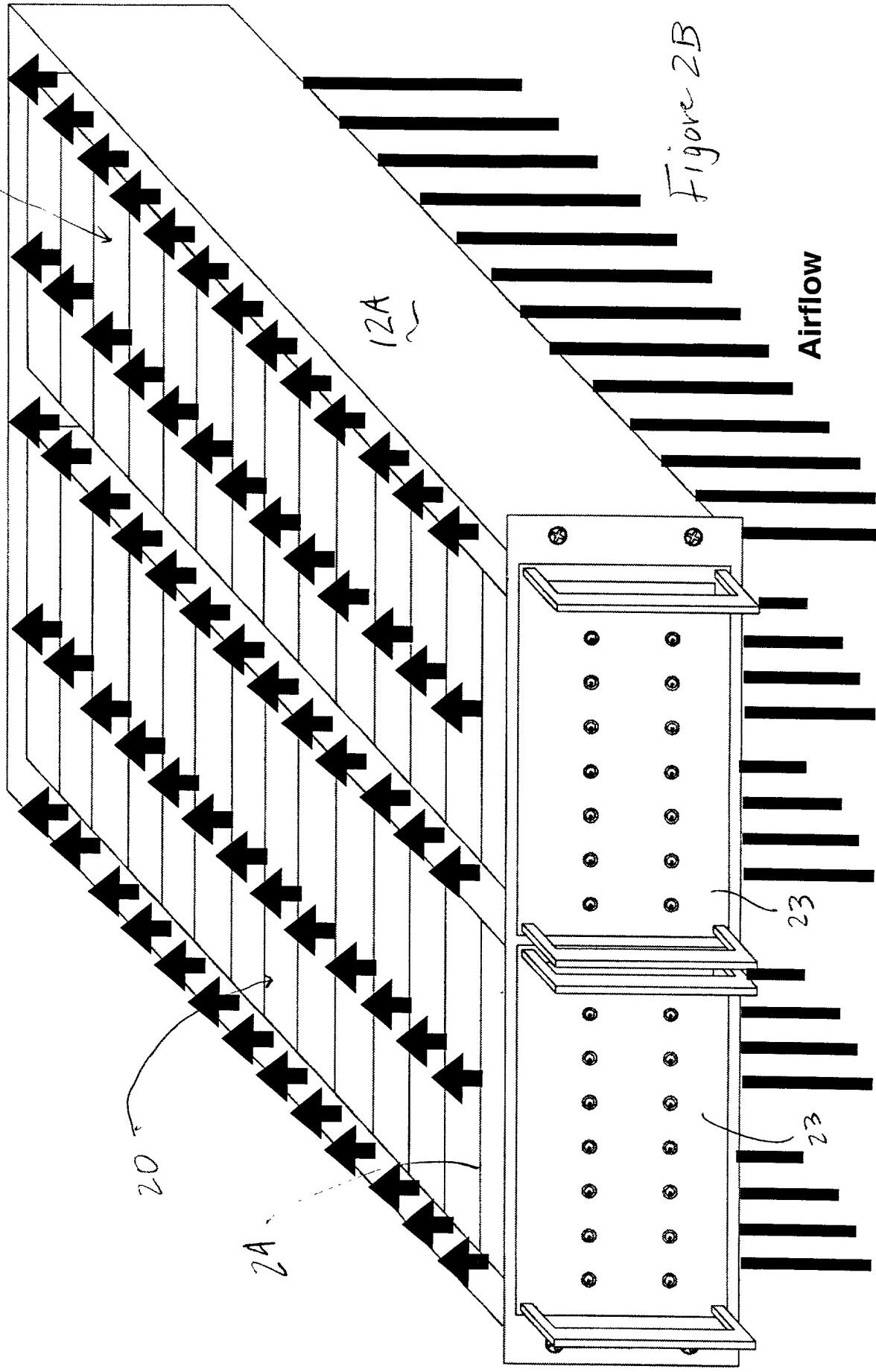
Figure 1

# Archival Magazine High Density

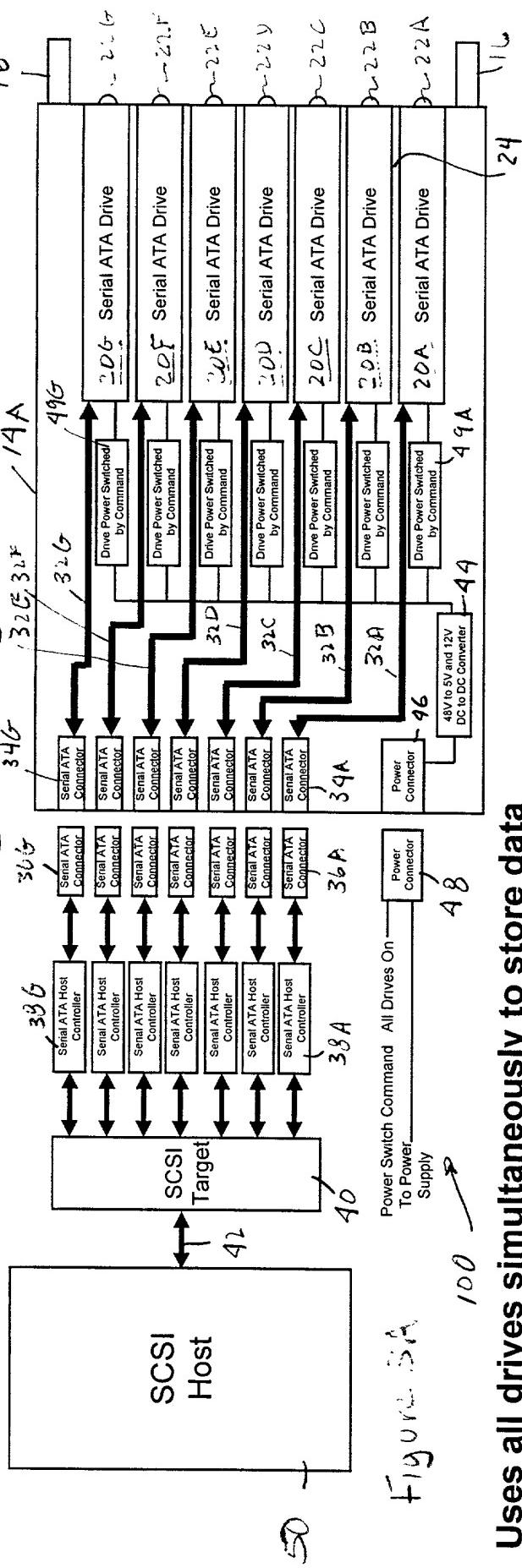


# Archival Magazine High Density

2.0

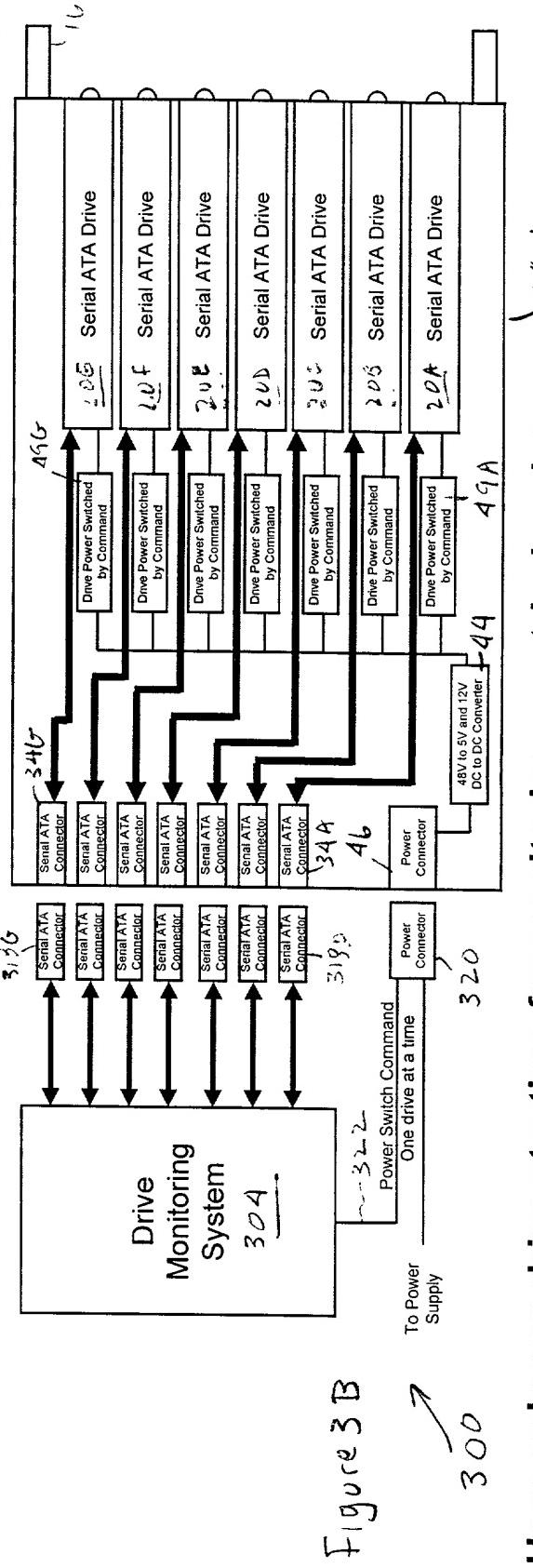


## Active Data Storage Array with Serial ATA



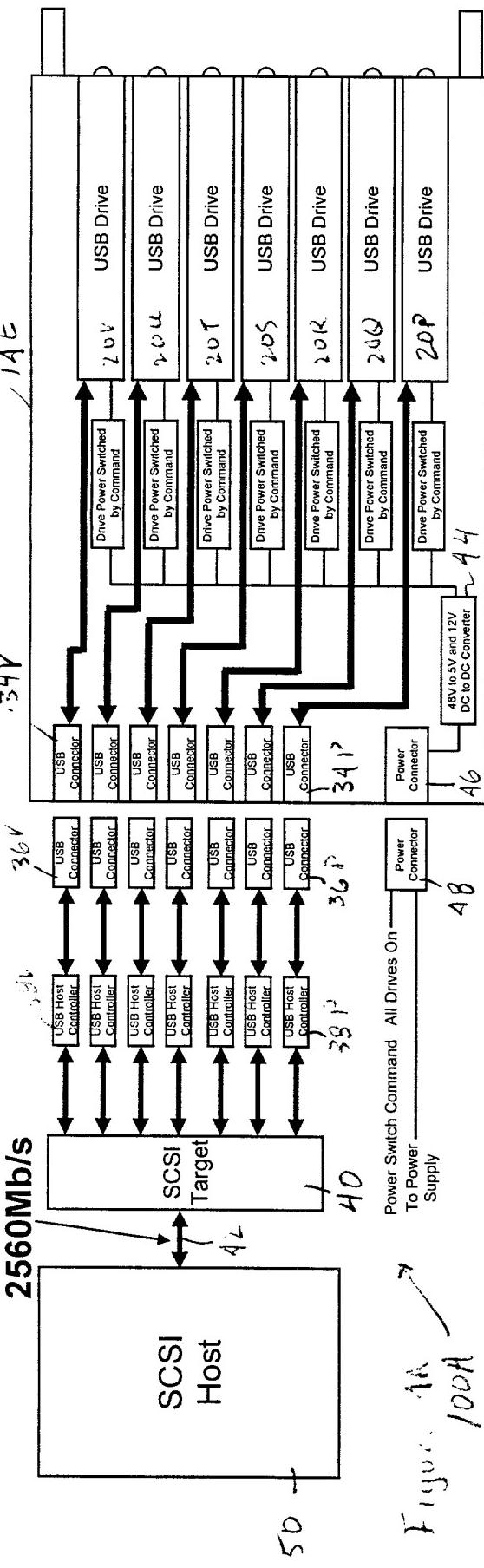
Uses all drives simultaneously to store data

## Data Preservation Vault with Serial ATA



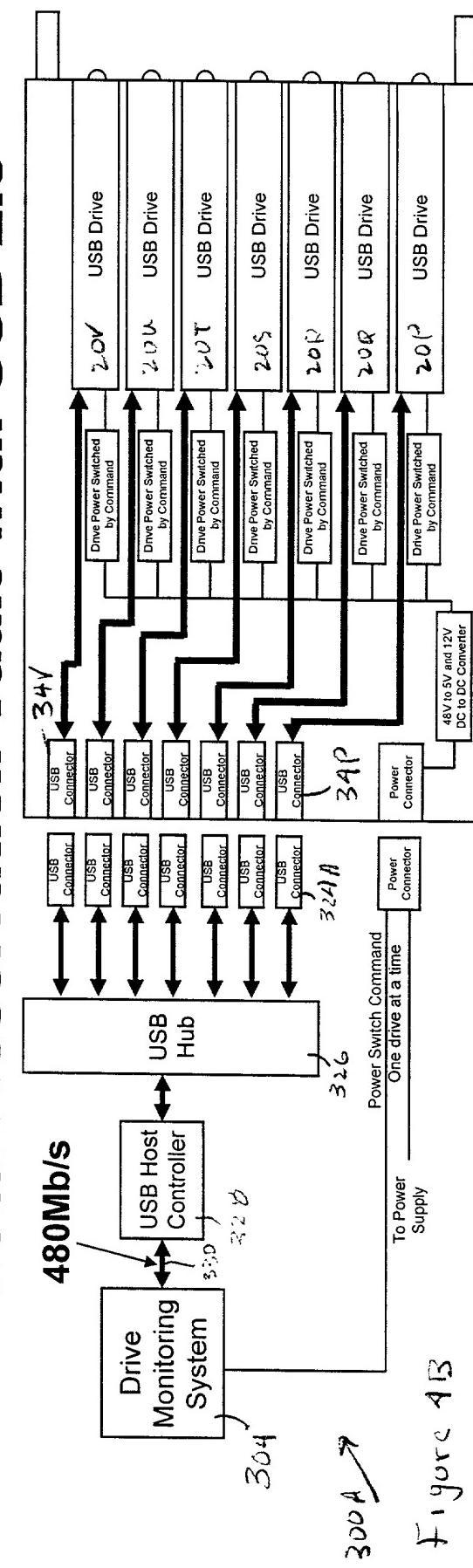
Uses only one drive at a time for monitoring or retrieving data

## Active Data Storage Array with USB 2.0



Uses all drives simultaneously to store data

## Data Preservation Vault with USB 2.0



Uses only one drive at a time for monitoring or retrieving data

# Archival Cartridge IEEE 1394 Interface

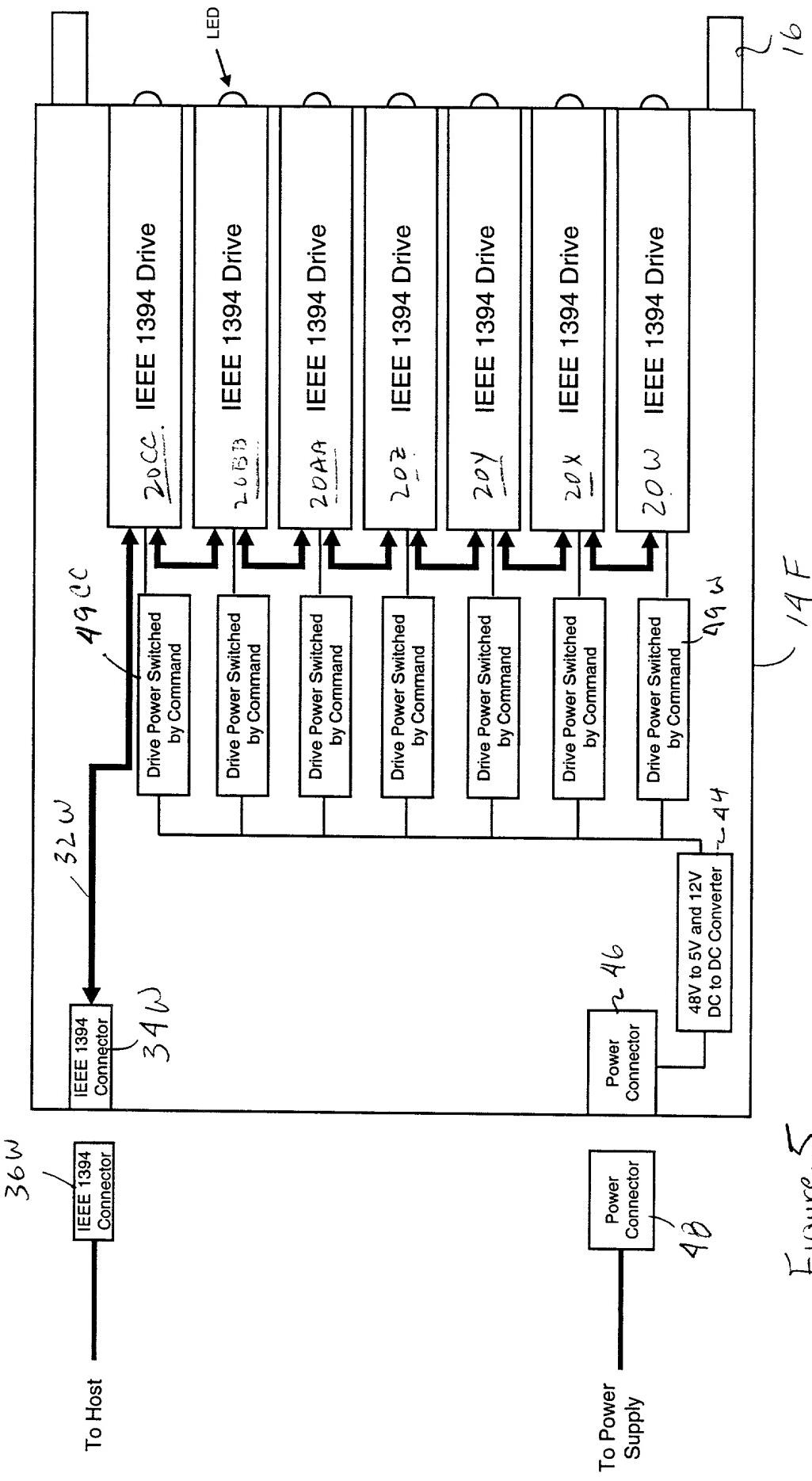
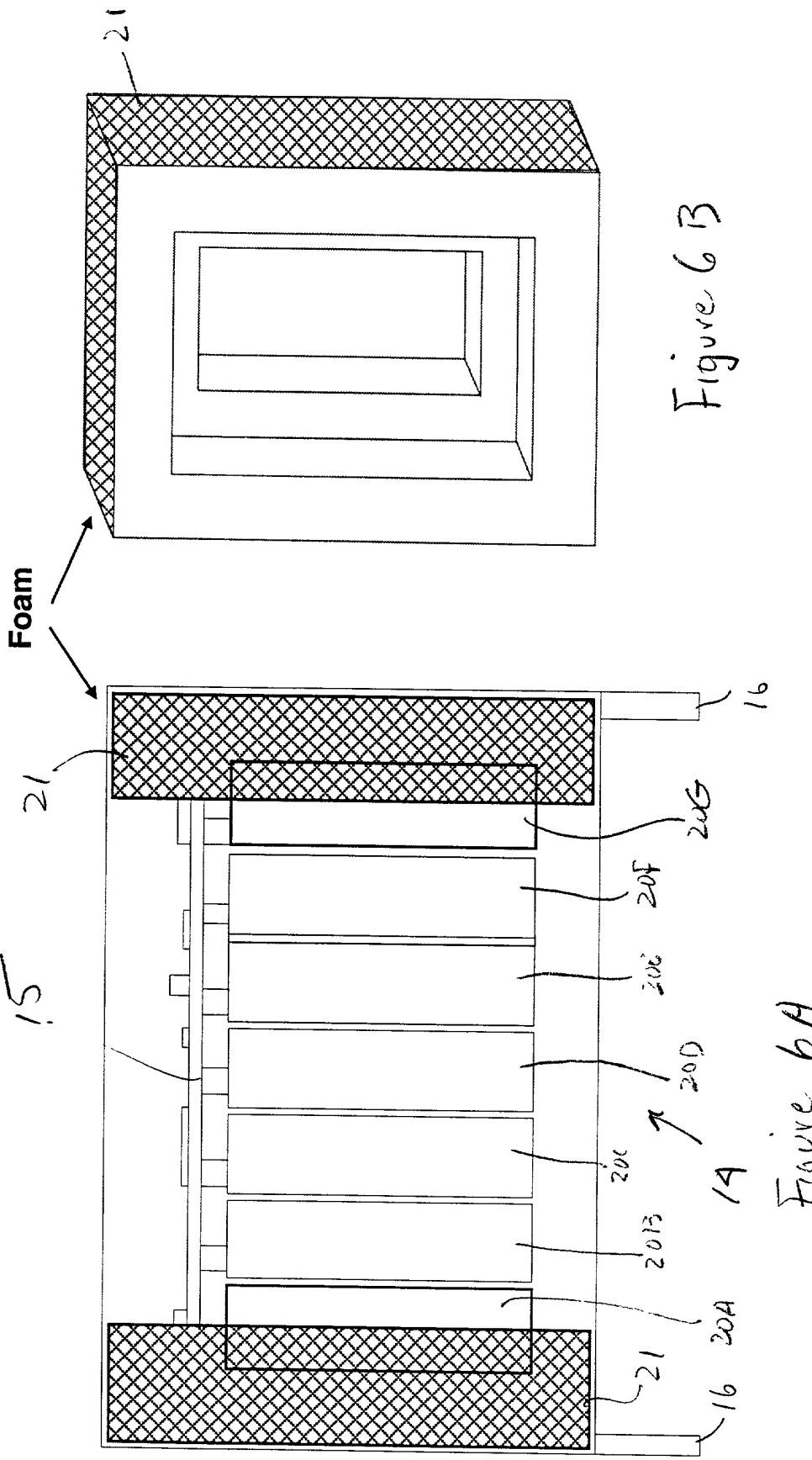


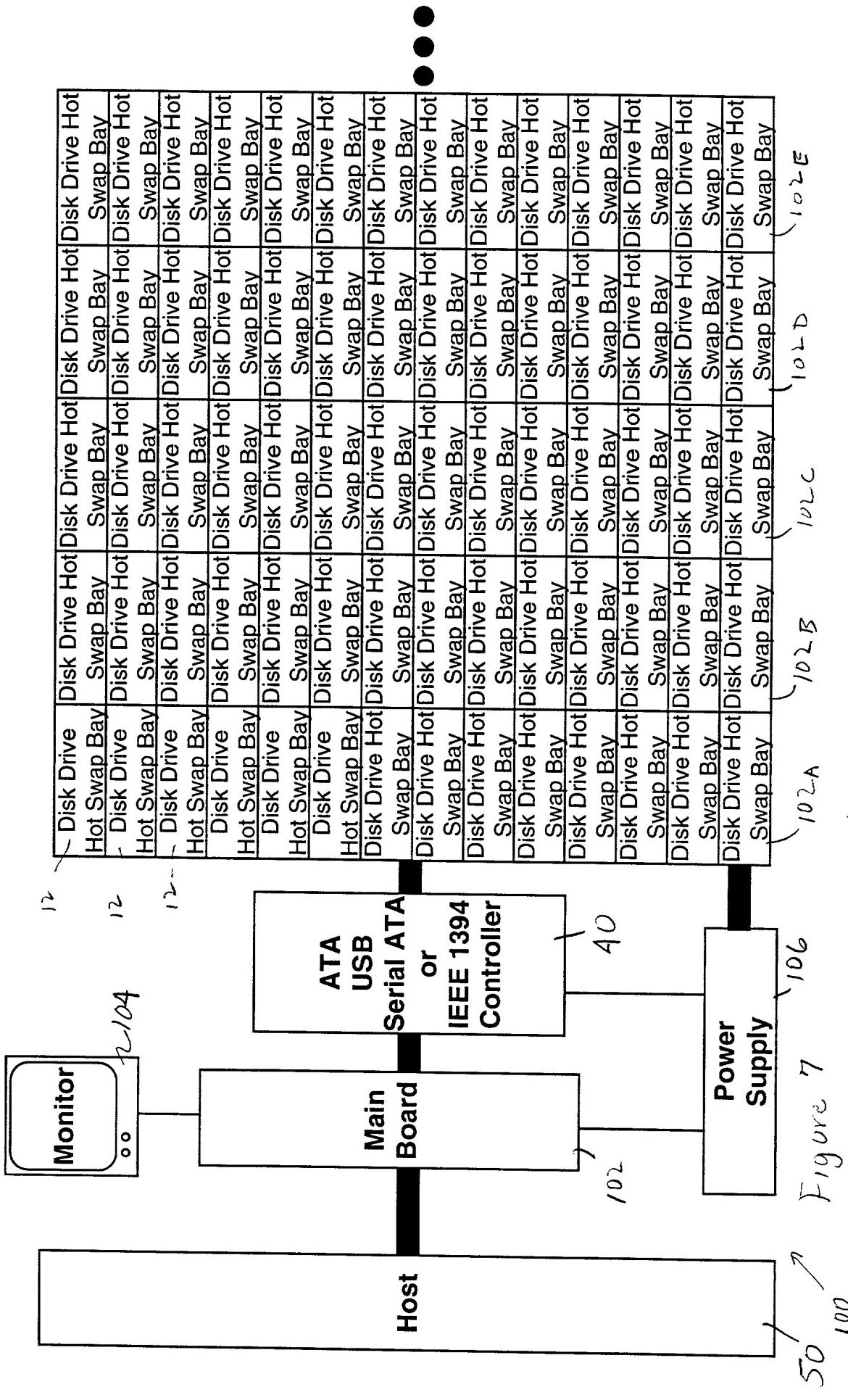
Figure 5

# Shock Protection for Archival Magazine



# Active Data Storage Array

## High Speed High Storage



50 ↗  
100

Figure 7

102E

102D

102C

102B

102A

# Active Data Storage Array

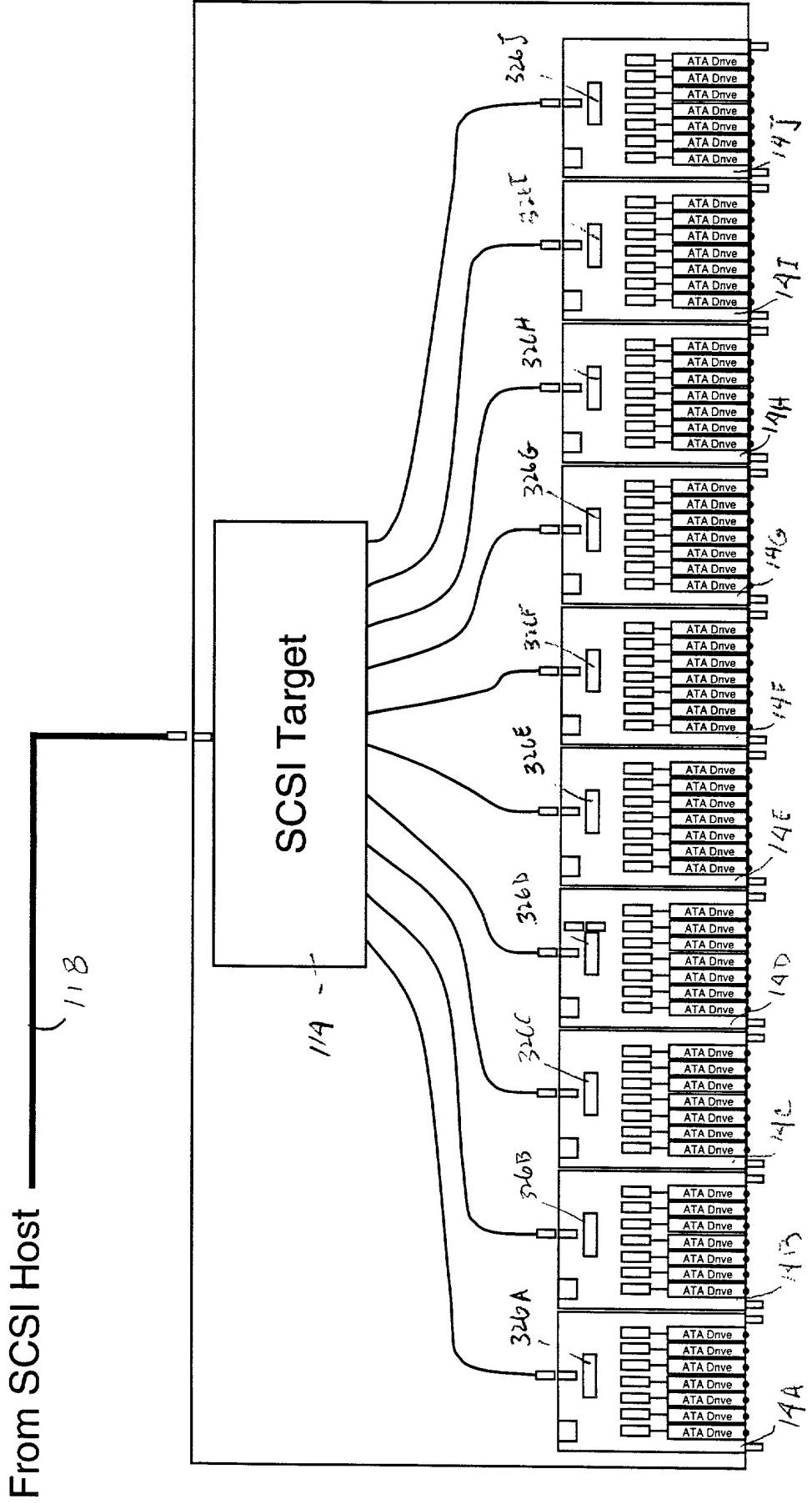


Figure 8

# Active Data Storage Array

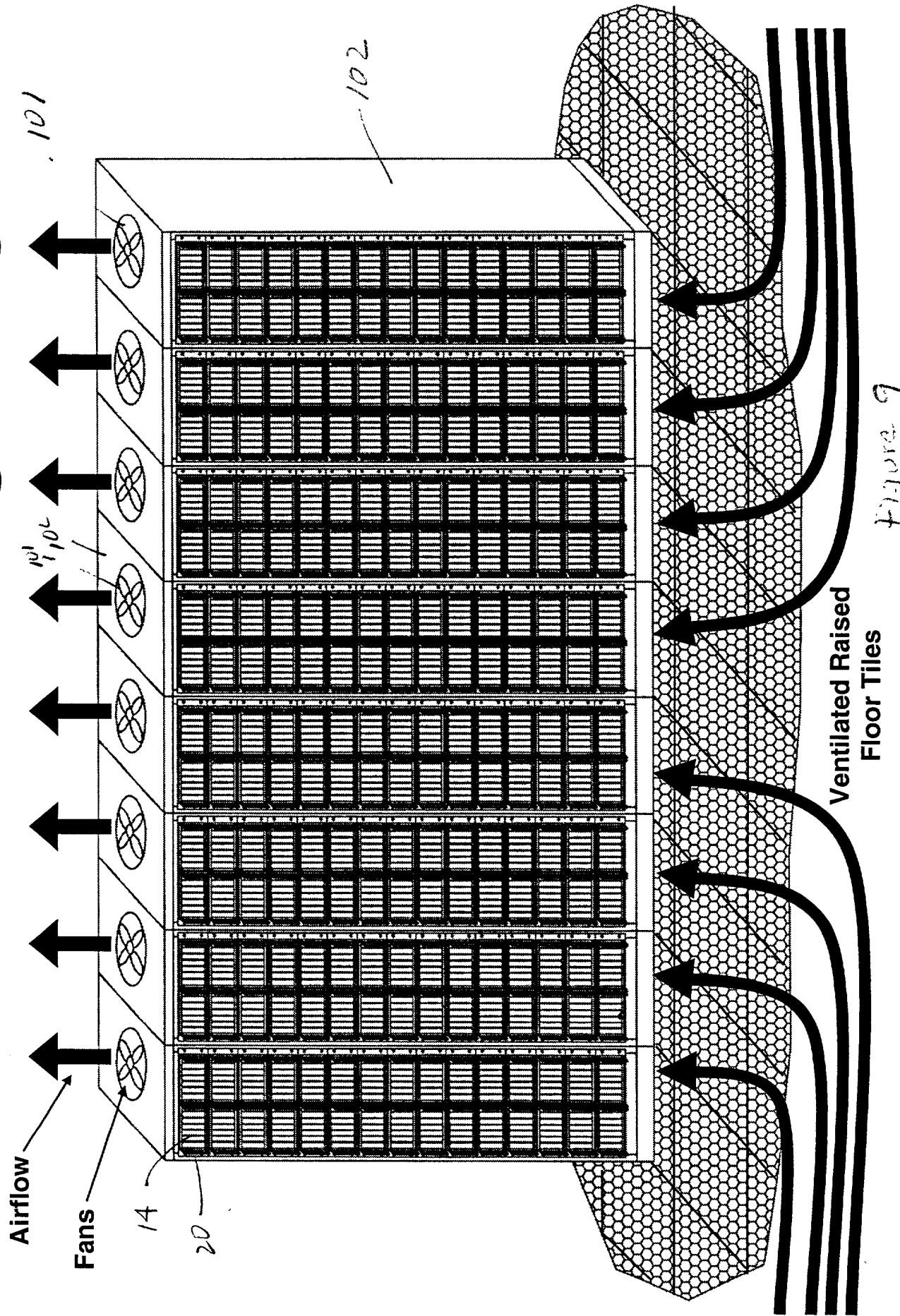


Figure 9

# Shock-Insulated Transport Case

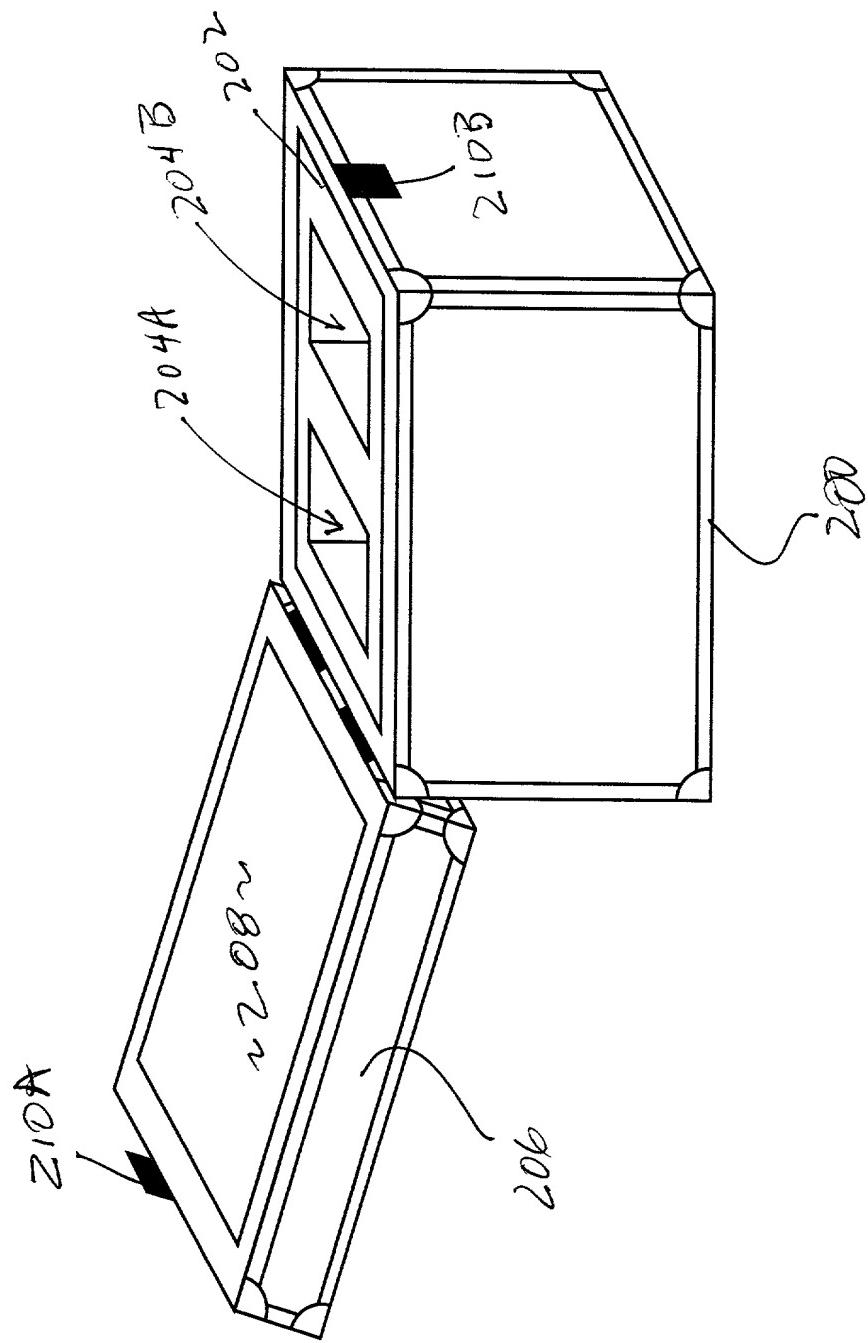


Figure 10

# Data Preservation Vault

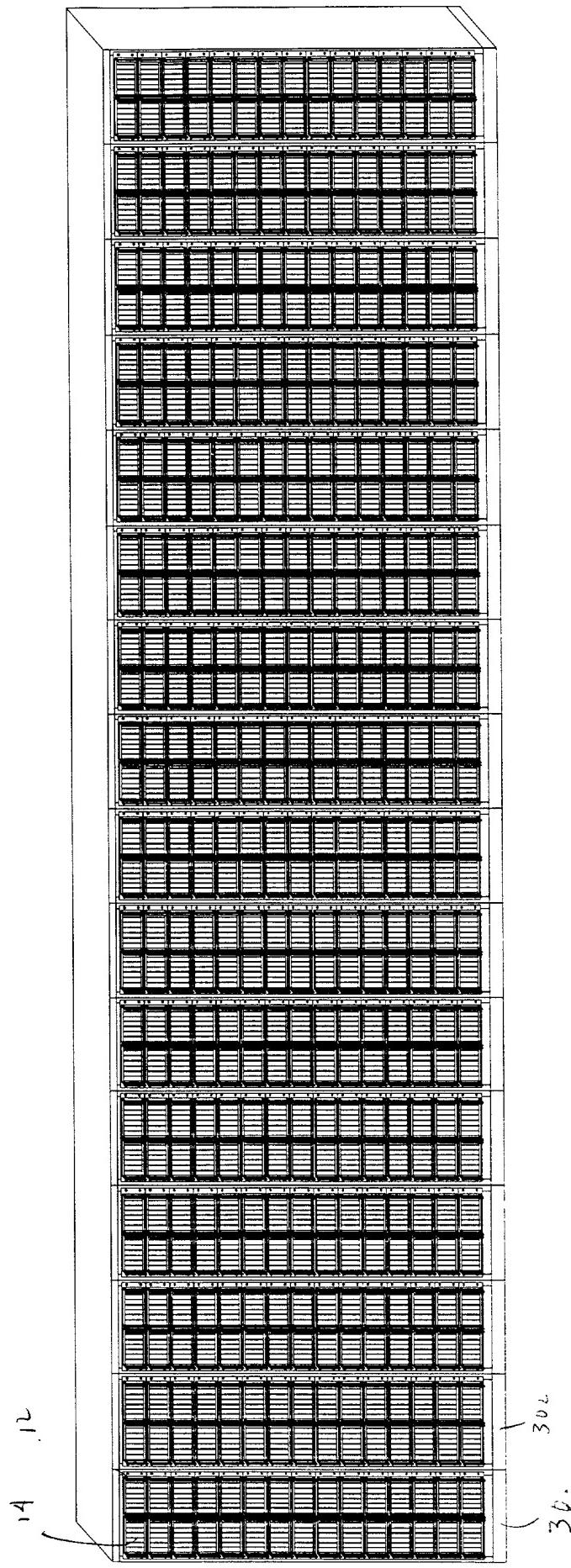


Figure 11

# Data Preservation Vault (top view)

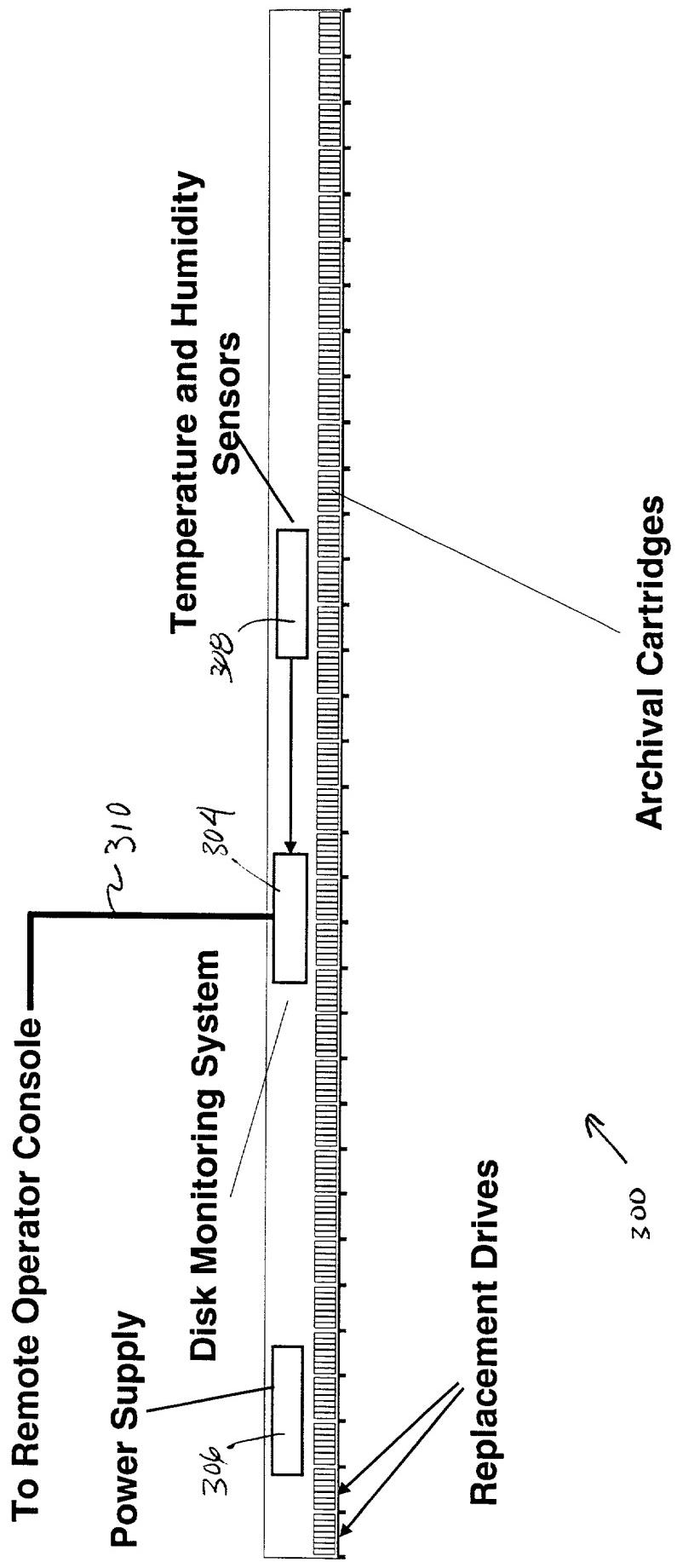


Figure 12

# Disk Monitoring System

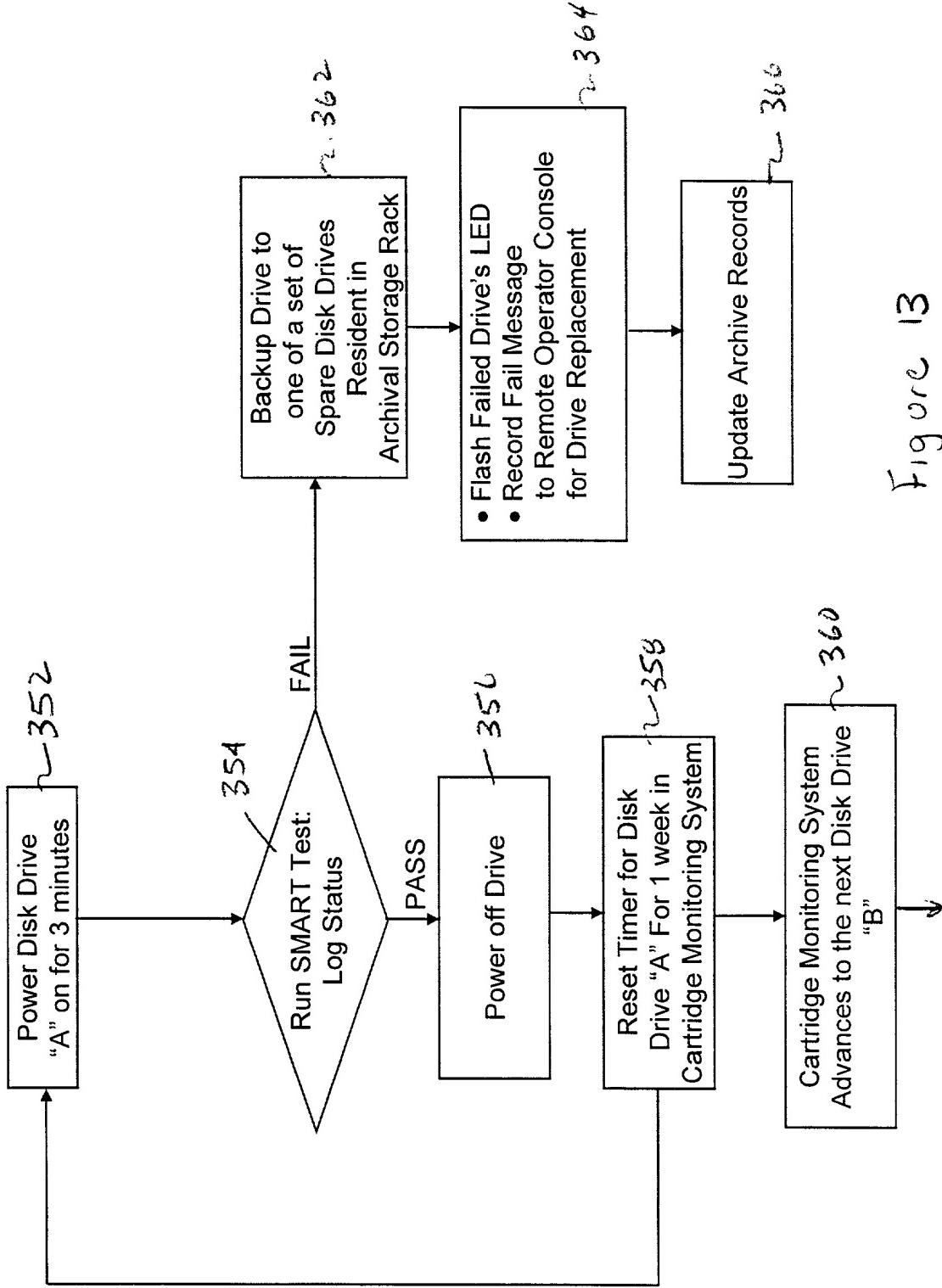


Fig one 13

350

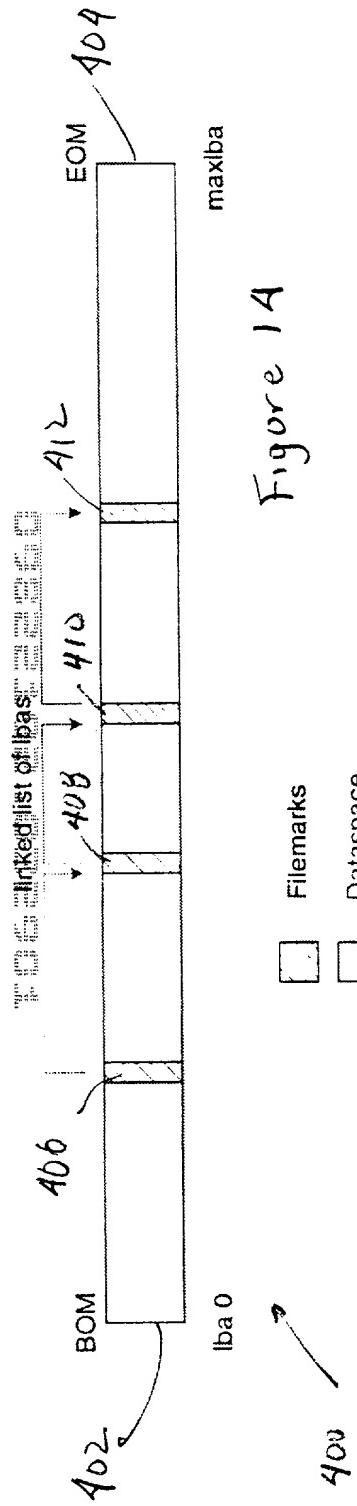


Figure 14

Figure  
15

#### FileMark Block Structure

Byte	Description
0-7	Ascii "FILEMARK"
8	Major Version
9	Minor Version
10	Partition Number
11	Validity Byte 0 bit Mark Type 1 bit Previous filemark status 2 bit Next filemark status 3 bit Previous filemark is Master Record
12-15	Previous FileMark LBA
16-19	Next FileMark LBA
20-23	Block Size
24-509	Reserved
510	Two-Complement Checksum bytes (0-509)
511	Two-Complement Checksum bytes (0-510)